

St Joseph's Primary School



Vision Statement

St Joseph's Primary School is a Catholic School community which promotes development in every dimension of a student's life. This is undertaken in a safe, faith-filled family environment.

ICT STRATEGIC PLAN

2011 - 2013

Our Vision:

The Catholic School community of St Joseph's Primary School Blayney believes it should:

- Offer quality education within a well balanced academic environment, catering for a wide range of learning abilities, so that each child can achieve his or her full potential.
- Foster and support spiritual development.
- Promote a happy and harmonious environment.
- Develop respect, acceptance and tolerance.
- Provide a safe, clean environment promoting a healthy lifestyle.

We are committed to:

- A whole school approach to the linking of learning styles, higher order thinking and learning skills and strategies that motivate students to learn
- Utilising contemporary research, best teaching practices and professional development to lead the development of a whole school approach to learning
- Learning experiences utilising ICT as a tool where and when appropriate
- Implementing effective, meaningful and relevant teaching strategies
- Encouraging students to participate in extra-curricula activities and involving the wider community in the delivery of our curriculum
- Enhancing our students sense of wonder, curiosity and love of learning
- Leading students to a greater understanding of themselves and the world around them.

We aim to produce students who are confident, creative and productive users of new technologies. Students who have the capacity for, and skills in, analysis and problem solving and the ability to communicate ideas and information, to plan and organise activities and to collaborate with others.

Our School ICT Plan:

- Reflects the School Mission and Vision and is explicitly linked to other areas of school and system planning and development
- Involves a range of stakeholders and expertise, including school executive and staff, students and parents, the P & F Association, and the relevant Catholic Education Office staff
- Is informed by educational and technical expertise
- Identifies focus priorities and desired outcomes
- Is directed towards improving teaching, learning, communication and administration, rather than be driven by technological developments
- Incorporates professional learning plans for all staff
- Includes design and refurbishment of learning spaces, including school library.

Strategic Goals:

Curriculum:

- *ICT skills to be considered when planning teaching and learning activities*
- *Teachers will be informed of the current ICT resources available for use with students*
- *Students will have adequate access to required ICT resources*
- *Students' prior learning experiences and ICT skill levels will be recognised*
- *The effectiveness of ICT based learning activities to be reviewed regularly.*

Professional Development:

- *Recognise and cater for teachers' prior learning and personal professional*
- *Recognise the series of stages that teacher's progress through across different areas of ICT use*
- *Offer a range of professional development strategies, resources, and support to cater for the range of skills and needs*
- *Consider whole school needs*
- *Identify potential barriers to successful professional development and address them*
- *Provide for monitoring and reviews at personal and school level.*

ICT Planning and Implementation:

- *Incorporate educational and administrative requirements and priorities*
- *Provide a clear picture of existing ICT, including the uses, strengths, weaknesses, and limitations of each*
- *Build a clear picture of what the school is seeking to achieve in the long term*
- *Include how the school will achieve its stated objectives*
- *Include a budget for the expected expenditure to implement the plan.*

Strategic Objectives				
	Students	Teachers	Management	Infrastructure
Access to computers	All students have quality access to core ICT	Information relating to the school can be accessed at school and at home through the schools email. Technical support is available for all teachers. Teachers plan for routine access to ICT. Staff has adequate access to required ICT resources. ICT resources are stored or placed in locations providing a wide range of accessibility.		ICT resources stored for maximum accessibility
Skills & Knowledge	Students will demonstrate progress in their skills as they progress through K- 6 ICT will facilitate student based learning and differentiation of the curriculum	Teaching programs will take into account students' current ICT capabilities. ICT activities will need to be upgraded as student's skills & knowledge increases	Keep teachers updated on progress of student capabilities. Keep teachers' skill level improving by a mentor system in school in-servicing	New software to be made available on needs basis. Soft ware stored on a school server and is backed up regularly
Use	Students use ICT as and when they need it for context based learning. Inquiry based learning will be promoted. Students will use ICT resources ergonomically, safely and appropriately	Teachers to consider the full range of resources available when planning. Teachers to consider computer skills for each KLA when planning. Teachers to take responsibility for students using hardware and software safely	Booking system for the computer room is regularly revised for easy optimal use of ICT Classroom and resources	Booking system for the main Computer room available in the Library
Attitude	Students use ICT confidently and responsibly	Some teachers use ICT confidently, others need help	Professional development of staff	

Strategic Objectives				
	Students	Teachers	Management	Infrastructure
Professional Development		Regular, relevant professional development on a needs basis. A computer “sharing” ideas at Staff meetings.	Different types and styles of ICT professional development provided, by ICT Committee Hands on, productive and relevant to the classroom activities	
Curriculum	ICT will be used to engage students, promote student centred activities and differentiate the curriculum. Create ICT rich activities for student groups	A shared vision of the use of computers in the classroom that enables student centred, cooperative learning and differentiated activities. Teachers will make themselves familiar with new resources as they become available	The school subscribed to “Mathletics”. whereby all student have access at school and at home.	Students may use the computer room if teacher supervision is available
Assessment	Students will be assessed on ICT skills.	Teachers will include ICT in assessment activities of and for learning. Teachers will use ICT to report on student progress	Reporting system will be regularly monitored for appropriateness and ease of use.	Software is regularly updated
Community	Students will use ICT to communicate with the community and beyond	Teachers will develop the means to increase the communication to the school community and beyond	Planning for exposure to the school community and beyond	School website development
Planning		Regular surveying of needs of teachers	The school will have sufficient budget resources available to update electronic resources on a bi annual basis.	

Strategic Objectives				
	Students	Teachers	Management	Infrastructure
Cabling	All desktop computers are cabled back to the server.	All staff laptops are wireless and can be used throughout the school	Review of cabling has been reviewed with additional cabling and wireless Internet throughout the school	The school will be looking at increasing the capacity of our server. The school is fully networked (a combination of LAN & Wireless)
Internet access	Students have internet access whenever they require.	Teacher have internet access whenever required		Cyber net safety systems need to be put into place and updated regularly.
Technical support	Priority of technical support is given to allow students' to work on computers and to allow teachers to prepare work for students	Identify support required	Basic Training of relevant staff to be technical support for others	The school will seek to access to qualified and competent technical support

Three year Plan

	2011	20 12	2013
Audit of ICT Infrastructure	<p>Currently in the school</p> <ul style="list-style-type: none"> • 25 Desktop computers (All are more than 5 years old) are on LAN with Internet access security alarmed, in a designated computer room. 5 Desktop computers are located in the Library <p>(Currently in school (PRIMARY CAMPUS))</p> <ul style="list-style-type: none"> • 2 Desktop computers in each of the classrooms K-6 (All are more than 5 years old) with educational games, activities. • 5 Desk top computers in Special Ed Resource Room • 1 Laptop <p>Currently in the school STAFF</p> <ul style="list-style-type: none"> • 9 laptops (All are approximately 3 years old) and are wireless connected. • 1 desktop Computer <p>Currently in school ADMINISTRATION</p> <ul style="list-style-type: none"> • 1 Macs Computer (more than 3 years old) and 1 iBM (More than 3 Years old) These are used for admin purposes only- reports, secretarial activities. <p>For development this year:</p> <ul style="list-style-type: none"> • Examine alternatives in collaboration with CEO for replacing computers in designated computer room. • Ensure that all new computers in a designated computer room are the same model for ease of installing software and for ease of usage by students. • Ensure all software, both operating systems and applications, in the school are the same. (I.e. for Mac and IBMS 	<p>Replace 25 desktop computers that are 5 years old or more in the computer room with 10 new IBM computers and 8 secondhand Mac computers.</p> <p>Replace current computers with 8 I mac computers for student use by students as part of multimedia centre 1 Mac computer for administration.</p> <p>Up date Desktop computers and purchase and 1 pad for student use.</p> <p>Examine prices and alternatives to updating these computers</p>	<p>Replace computers that are over 5 Years old</p>

	2011	20 12	2013
Electrical components and cabling	<p>The computer room has custom built benches around four sides is cabled for approximately 25 computers The room also houses a server. This room could not carry any more computers nor and more additional cabling.</p> <p>The Library has several electrical outlets, and houses 5 computers. It as room for another 5 computers and an administrative computer for students looking up books</p>	To provide the opportunity for Librarian to use skiss system in the library.	
Computer to student ratio across grade levels	<p>Computers are available to all students K-6. Teachers book their classes into the computer rooms using a booking sheet in the staffroom. It must be noted that all of these computers are more than 5 years old some with Windows 98 and some are not networked nor internet availability</p> <p>For development this year:</p>	Have purchased 12 new HP computers and 5 preloved Imac computers.	
Physical capacity of St Joseph's	<p>Currently we have:</p> <ul style="list-style-type: none"> • 1 designated computer room of 25 computers (All computers are more than 5 years old) • Library is cabled and has several Computers. <p>For development this year:</p> <p>To investigate the financing of 10 new computers for the computer classroom and purchasing of 1 new ibooks for use by the support team.</p> <p>To investigate obtaining relived computers for school use</p>		
ICT capabilities of students	<p>Anecdotaly the ICT skill level of students is improving in all stages. The percentage of computer literate students starting school is increasing.</p> <p>However, being a small rural school we have a percentage of students who don't have access to a computer in their homes or broadband internet.</p> <p>Computer skills have been mapped for each stage, from early stage 1 to stage 3. Computer skills have been</p>	Software purchases and site licenses to ensure students can keep up with technological developments. Examination of ICT tasks to ensure tasks is increasing in complexity as student's skills improve.	Software purchases and site licenses to ensure students can keep up with technological developments. Examination of ICT tasks to ensure tasks is increasing in complexity

	2011	20 12	2013
	<p>incorporated into the curriculum in all stages. ICT skills are taught in context in KLA's, not as discrete skills. Relevance is an important feature of ICT skill teaching at our school. ICT tasks are regularly revised and upgraded as the skill level of both students and teachers improves. The computers in the Library are available for use second half lunch Wednesdays.</p> <p>For development this year: Software purchases and site licenses to ensure students can keep up with technological developments Examination of ICT tasks to ensure tasks is increasing in complexity as student's skills improve.</p>		as student's skills improve.
ICT Capabilities of staff and provision of professional development	<p>Teachers have had a number of full days in-service on ICT skills. Since 2005 we have had 1 full days and a number of afternoon times set aside for a particular ICT skill. Teachers have been regularly surveyed to identify ICT skills that need to be developed.</p> <p>ICT skills have been identified by teachers as an area for professional development. Because the level of ICT skills of staff varies so much we need to offer a variety of ways to cater for staff needs.</p> <p>The emphasis has changed from teaching the ICT skill to producing an activity that is curriculum/outcomes based, is in context, allows students to achieve over a range of levels and so can be embedded into programs.</p> <p>For development this year: Survey staff on ICT needs Survey staff on their skill levels Embed a little ICT skills more regularly into staff meetings Run regular workshops on identified needs or new software</p>	<p>Survey staff Organize regular workshops on a number of levels and of different types so no teacher is left behind, everyone continues to move ahead.</p> <p>Survey staff on ICT needs Survey staff on their skill levels</p>	<p>Survey staff Organize regular workshops on a number of levels and of different types so no teacher is left behind, everyone continues to move ahead.</p>

	2011	20 12	2013
		Embed a little ICT skill into every staff meeting Run regular workshops on identified needs or new software	
Internet access	Internet access is broadband For development this year: In servicing staff in the use of the school Wiki Wireless network for all primary classrooms, especially Year 4 and Year 5.	In servicing staff in the use of the school Wiki School website Filtering of inappropriate sites needs to be achieved	
Use of digital equipment in class	Current Digital Equipment K- 6 Each of the primary classrooms has an interactive white board available with an interactive white board available in the Library. 50cm television in the Mackillop Hall 2x Digital cameras 1x video camera 2 x data projectors 8 x CD players are available to teachers. These are in the primary classrooms. Each of the primary has an interactive white board For development 2012: Purchase a 1 scanner for use by staff	Purchase additional data projector Look at buying equipment to use interactive white boards as TVs.	Look at buying equipment to use interactive white boards as TVs.

Expected outcomes	Focus	Strategies to deliver these outcomes	Timeline for key milestones	Associated budget
Produce students who are confident, creative and productive users of new technologies	Students	Purchase 10 new computers so that students have access to new ICT to run appropriate interactive programs and software. Supply 8 macs to computer room, 9 Macs to the Library and 4 Macs to the Year 6 Class room.	April 2012	\$6700
		Purchase 1 new ipad to be used with interactive whiteboard and data projectors.		\$570.00
		Give students the confidence to use new programmes		
	Teachers	Provide ongoing support	Continually	\$0
	Curriculum	Review and update ICT activities Incorporate Movie Maker and garage band in KLA's by obtaining 20 Mac	By end 2011	\$0
Utilise contemporary research, best teaching practices and in-services to lead the development of a whole school approach to learning	Teachers	Conduct a needs analysis	Yearly	\$0
		Teachers complete a skills analysis to find skills that they would like to develop	Early 2012	\$0
		Survey staff on Professional Development needs & executive decide on how best to address staff needs	Yearly	\$0
		Dates scheduled	Yearly	\$0
	Curriculum	PD activities to ensure ICT skills are embedded in the curriculum		
		Integrate ICT into curriculum delivery, planning, assessment and reporting	regularly	\$0
Supporting learners	Curriculum	Identifying suitable times for information sessions. Provide supporting documentation. Arrange follow-up communications and liaison.	Yearly	\$0
	Technical	Streamline procedures for teacher access to technical support. Identify existing procedures. Investigate alternatives.	2011	\$0
	Technical	Maintain current hours of technical support		
Building Infra structure	Hardware	Replace 10 of the 25 computers more than 5 years old. Identify machines. Identify suitable replacement models. Purchase 1 I pad for use by the support team	2012	10 x \$670.00 plus 1 Ibook \$ 570.00 Total \$ \$7,270

	Cabling	Identify appropriate equipment and suitable suppliers. Obtain quotes. Schedule installation.	20011	
	Hardware	Obtain quote for updating projector for Year 6 classroom	2012	

Priority List

For development 2013

- Replace computers 5 or more years old in the designated computer room
- Develop and use a scope and sequence of computer skills
- Examine ways that computer skills are assessed.
- Purchase 1 I pad
- Ensure all areas of the school have wireless Internet
- Ensure that all computers in a designated computer room are the same model for ease of installing software and for ease of usage for students
Ensure, both operating systems and applications, in the school are the same for ease of usage for students and teachers
- Ensure any software purchases extend students' ICT skills
- Professional development of staff the network
- Connecting smart boards so they can access the T.V
- Purchase 3 document viewers for use in classroom application.